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L1	63	(pig or swine) and F18	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/12/29 08:00
L2	4	((pig or swine) and F18).clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/12/29 08:00
L3	13	(pig or swine) with F18	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/12/29 08:00
L4	13	(pig or swine) with F18	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/12/29 08:00
L5	20	(pig or swine) same F18	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/12/29 08:00

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PALM INTRANET

Continuity Information for 09/844268

Parent Data

09844268

is a division of 09443766

Which Claims Priority from Provisional Application 60047181

Child Data

No Child Data

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 PALM INTRANET**Application Number Information****Application Number:** 09/844705
Assignments**Filing or 371(c) Date:** 04/27/2001**Effective Date:** 04/27/2001**Application Received:** 04/30/2001**Pat. Num./Pub. Num:** 6965022/20020133836**Issue Date:** 11/15/2005**Date of Abandonment:** 00/00/0000**Attorney Docket Number:** 21419/91512**Status:** 150 /PATENTED CASE**Confirmation Number:** 2430**Examiner Number:** 77509 / WOITACH, JOSEPH**Group Art Unit:** 1632 **IFW IMAGE****Class/Subclass:** 536/023.500**Lost Case:** NO**Interference Number:****Unmatched Petition:** NO**L&R Code:** Secrecy Code:1**Third Level Review:** NO**Secrecy Order:** NO**Status Date:** 10/26/2005**Oral Hearing:** NO**Title of Invention:** METHODS TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 E. COLI ASSOCIATED DISEASES

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Application Number Information

Application Number: **09/443766** [Order This](#)
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Examiner Number: **77509 / WOITACH, JOSEPH**

Filing or 371(c) Date: **11/19/1999**

Group Art Unit: **1632**

Effective Date: **11/19/1999**

Class/Subclass: **800/017.000**

Application Received: **11/19/1999**

Lost Case: **NO**

Patent Number: **6596923**

Interference Number:

Issue Date: **07/22/2003**

Unmatched Petition: **NO**

Date of Abandonment: **00/00/0000**

L&R Code: Secrecy Code: **1**

Attorney Docket Number: **21419/90368**

Third Level Review: **NO**

Status: **150 /PATENTED CASE**

Secrecy Order: **NO**

Confirmation Number: **7698**

Oral Hearing: **NO**

Title of Invention: **METHODS AND COMPOSITIONS TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 E. COLI ASSOCIATED DISEASES**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09443766	9200	11/25/2003	No Charge to Location	No Charge to Name	FAGYEMAN	

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PALM INTRANET

Application Number Information

Application Number: **09/151592** [Order This File Assignments](#) Examiner Number: **77696 / PARAS JR, PETER**

Filing or 371(c) Date: **09/18/1998**Group Art Unit: **1632**Effective Date: **09/10/1998**Class/Subclass: **800/017.000**Application Received: **09/10/1998**Lost Case: **NO**Patent Number: **6355859**

Interference Number:

Issue Date: **03/12/2002**Unmatched Petition: **NO**Date of Abandonment: **00/00/0000**L&R Code: Secrecy Code: **1**Attorney Docket Number: **21419/90119**Third Level Review: **NO**Secrecy Order: **NO**Status: **150 /PATENTED CASE**Status Date: **02/21/2002**Confirmation Number: **7995**Oral Hearing: **NO**

Title of Invention: **INTERACTIONS BETWEEN GENOTYPE AND DIET IN SWINE THAT PREVENT E. COLI ASSOCIATED INTESTINAL DISEASE**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09151592	9200	07/17/2003	No Charge to Location	No Charge to Name	KASAH,EMMANUEL	

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Range: from **begin** to **end** Reverse complemented strand Features: SNP CDD

1: AF136896. Reports Sus scrofa alpha-...[gi:7328563]

LOCUS AF136896 2528 bp mRNA linear MAM 27-FEB-2001
DEFINITION Sus scrofa alpha-1,2-fucosyltransferase (FUT1) mRNA, complete cds.
ACCESSION AF136896
VERSION AF136896.1 GI:7328563
KEYWORDS .
SOURCE Sus scrofa (pig)
ORGANISM Sus scrofa
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Laurasiatheria; Cetartiodactyla; Suina; Suidae;
Sus.
REFERENCE 1 (bases 1 to 2528)
AUTHORS Meijerink,E., Neuenschwander,S., Fries,R., Dinter,A.,
Bertschinger,H.U., Stranzinger,G. and Vogeli,P.
TITLE A DNA polymorphism influencing alpha(1,2)fucosyltransferase
activity of the pig FUT1 enzyme determines susceptibility of small
intestinal epithelium to Escherichia coli F18 adhesion
JOURNAL Immunogenetics 52 (1-2), 129-136 (2000)
PUBMED 11132149
REFERENCE 2 (bases 1 to 2528)
AUTHORS Meijerink,E., Neuenschwander,S., Stranzinger,G. and Vogeli,P.
TITLE Direct Submission
JOURNAL Submitted (24-MAR-1999) Institute of Animal Science, Federal
Institute of Technology, Tannenstrasse 1, Zurich, CH 8092,
Switzerland
FEATURES Location/Qualifiers
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Range: from **begin** to **end** Reverse complemented strand Features: SNP CDD

1: AX752829 Reports Sequence 12 from ...[gi:32134722] Links

LOCUS AX752829 1269 bp mRNA linear PAT 20-JUN-2003

DEFINITION Sequence 12 from Patent EP1310570.

ACCESSION AX752829

VERSION AX752829.1 GI:32134722

KEYWORDS .

SOURCE Sus scrofa (pig)

ORGANISM Sus scrofa Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Laurasiatheria; Cetartiodactyla; Suina; Suidae; Sus.

REFERENCE 1

AUTHORS Bosworth, B.T. and Voegeli, P.

TITLE Methods and compositions to identify swine genetically resistant to F18 E. coli associated diseases

JOURNAL Patent: EP 1310570-A 12 14-MAY-2003; Biotechnology Research and Development Corporation (US); U.S. Department Of Agriculture (US) ; Swiss Federal Institute of Technology Zurich (CH)

FEATURES Location/Qualifiers

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[1]: Ann Hum Genet. 1991 Jul;55 (Pt 3):225-33.

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The human chromosome 19 linkage group FUT1 (H), FUT2 (SE), LE, LU, PEPD, C3, APOC2, D19S7 and D19S9.

Ball SP, Tongue N, Gibaud A, Le Pendu J, Mollicone R, Gerard G, Oriol R.

Department of Biological Sciences, University of Exeter, U.K.

Families segregating for deficiency of the H alpha-2-L-fucosyltransferase, FUT1, have been investigated for linkage between FUT1 and other markers on chromosome 19. The results provide evidence for close linkage between FUT1 and FUT2 and for looser linkage between FUT1 and APOC2 and between FUT1 and D19S7. Pairwise linkage data are also reported between other markers investigated.

PMID: 1763885 [PubMed - indexed for MEDLINE]

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